

Date: Wednesday, 3/14/2007 12:22:20 PM
 By: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services

Drawing Name : SHOULDER HARNESS KIT

Job Number : 31174 -1

Estimate Number : 12540

P.O. Number : N/A

This Issue : 3/14/2007

S.O. No. : N/A

Prsht Rev. : NC

First Issue : N/A

Type : SMALL /MED FAB

Previous Run : 29695

Part Number : DSI9351013

Drawing Number : DSI9351 REV A

Project Number : N/A

Drawing Revision : A

Material : N/A

Due Date : 3/21/2007

Qty: 10 Um: Each

Written By :

Checked & Approved By :

Comment : Est Rev: A New Issue 06-09-27 JLM

Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 DC

DOCUMENT CONTROL



Comment: Photocopy bluefile & type labels per PPPDSI9351

CHG001

KS 07/03/19

2.0 PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Pick Packing Kit

MF. 07-03-16

3.0 D355111

HOOK AND LOOP TIE



Comment: Qty.: 5.0000 Each(s)/Unit Total : 50.0000 Each(s)

HOOK AND LOOP TIE

Batch: 031217

4.0 D35461

CLIP



Comment: Qty.: 2.0000 Each(s)/Unit Total : 20.0000 Each(s)

CLIP

Batch: 029766 -

5.0 MS24694S154

SCREW



Comment: Qty.: 2.0000 Each(s)/Unit Total : 20.0000 Each(s)

SCREW

Batch: M103092 -

MF 07-03-16

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
070319	60	W/O split for Qty 8 to remain on this W/O. Qty of 2 to go on - 2 split. No more straps to complete the kit.	<i>[Signature]</i>	070319	8	<i>[Signature]</i> 0703.19	<i>[Signature]</i> 0703.19

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Drawing Name: SHOULDER HARNESS KIT

Job Number: 31174

Part Number: DSI9351013

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Handwritten signature

Comment: INSPECT 100% KITS FOR COMPLETENESS

Handwritten: 2/3/19 (S)

7.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP Dsi9351

Location:

PPP Rev:

Handwritten: ADP+ (S)

Handwritten: 2/3/19 (S)

8.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



Handwritten: 4/23/19

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN <i>LE</i>	DRAWN BY <i>LE</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>GP</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9351	REV. A SHEET 1 OF 1
DATE 06.09.15		TITLE SHOULDER HARNESS KIT SCALE NTS	
REV A	DATE 06.09.15	DESCRIPTION NEW ISSUE	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-702 REV A, B OR C
REF. CANADIAN STC SH04-7
REF. FAA STC SR01997NY

TO IMPROVE THE FIT AND VISUAL IDENTIFICATION OF SHOULDER HARNESS SETS, DSI 9351-011/-013/-015 SHOULDER HARNESS UPGRADE KITS ARE AVAILABLE FOR THE D412-702-011/-021/-013/-023/-015/-025/-017/-027 AND D214-702-035 SHOULDER HARNESS KITS AT CHANGE 1. INSTALLATION OF THESE KITS IS OPTIONAL.

FOR DSI 9351-011/-013 KITS, FOLLOW STEPS 1 AND 2. FOR DSI 9351-015/-017 KITS, FOLLOW STEP 2:

- 1) REMOVE THE MS24694-S152 SCREWS FROM THE D3196-1 BAR ON THE CENTRAL PANEL. RE-INSTALL THE D3196-1 BAR WITH D3546-1 CLIPS USING MS24694-S154 SCREWS AS SHOWN IN FIGURE 1. ENSURE THAT THE SHOULDER BELTS ARE LOOPED THROUGH THE CLIP AS SHOWN IN DETAIL 'A'. TORQUE SCREWS TO 100-140 in-lbs (11.3-15.8 N-m). IT IS ACCEPTABLE TO USE LONGER MS24694-SXXX SCREWS AS REQUIRED TO ENSURE THAT THE D3196-1 BAR IS PROPERLY SECURED.
- 2) INSTALL THE D3551-11 HOOK AND LOOP TIES THROUGH THE FRONT LOOPS OF EACH SET OF SHOULDER BELTS. INSTALLATION ON THE 4-MAN AFT FACING BENCH IS AT THE DISCRETION OF THE INSTALLER. ENSURE THAT THE 'LOOP' SIDES OF THE TIES ARE FACING OUTWARD FOR PASSENGER COMFORT. TIGHTEN OR LOOSEN THE TIES AS NEEDED (TRIMMING IS ACCEPTABLE).

QTY -011	QTY -013	QTY -015	QTY -017	P/N	DESCRIPTION	INSTALLS ON:
X				DSI 9351-011	13-MAN UPGRADE KIT	D412-702-011/-021
	X			DSI 9351-013	5-MAN UPGRADE KIT	D412-702-013/-023
		X		DSI 9351-015	5-MAN UPGRADE KIT	D214-702-035
			X	DSI 9351-017	4-MAN UPGRADE KIT	D412-702-015/-017/-025/-027
13	5	5	4	D3551-11	HOOK AND LOOP TIE	X
2	2			D3546-1	CLIP	X
2	2			MS24694-S154	SCREW	X

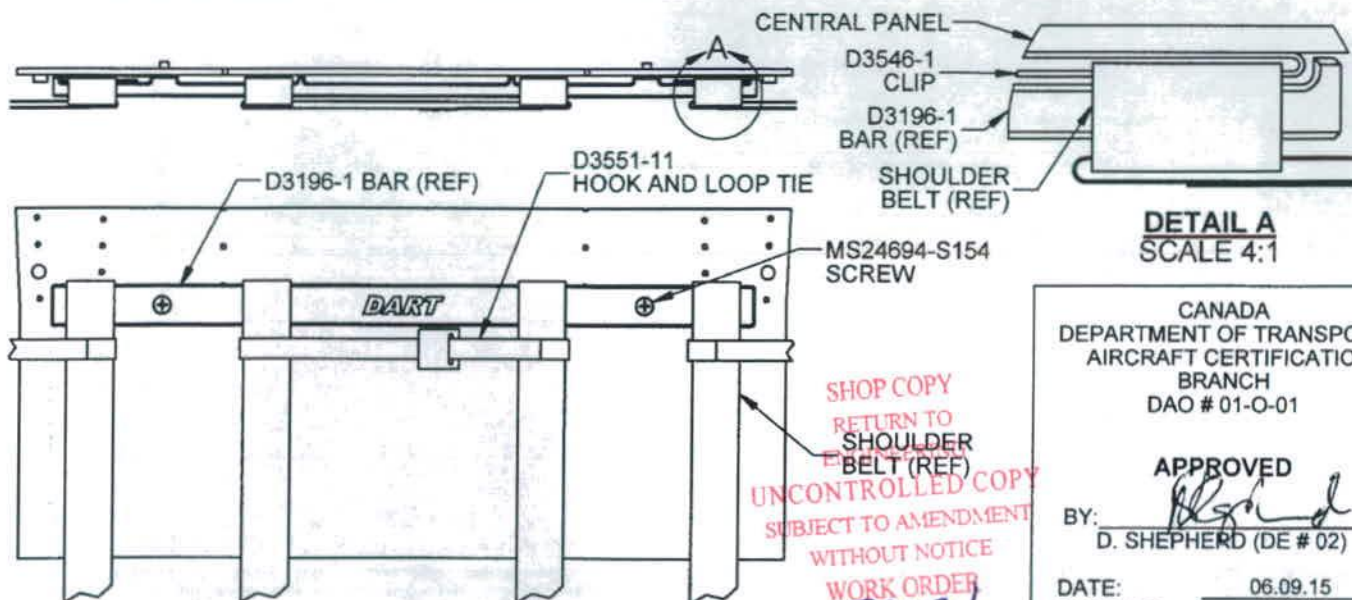


FIGURE 1. KIT INSTALLATION ON CENTRAL PANEL

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 06.09.15
CERT. NO.: SH04-7
ISSUE NO.: 3

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